TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

April 17, 2009

Bill Haldeman
PES Environmental
1215 Fourth Avenue, Suite 1350
Seattle, WA/USA 98161

RE: 2555 13th Avenue SW, Seattle, WA 98134

Enclosed are the results of analyses for samples received by the laboratory on 04/02/09 15:30. The following list is a summary of the Work Orders contained in this report, generated on 04/17/09 13:04.

If you have any questions concerning this report, please feel free to contact me.

Work Order	Project	ProjectNumber
BSD0038	2555 13th Avenue SW, Seattle	SAP# 357032

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Curtis D. Armstrong, Project Manager

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PES Environmental	Project Name:	**2555 13th Avenue SW, Seattle, WA 98134**	
1215 Fourth Avenue, Suite 1350	Project Number:	SAP# 357032	Report Created:
Seattle, WA/USA 98161	Project Manager:	Bill Haldeman	04/17/09 13:04

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Outfall-1-040109	BSD0038-01	Water	04/01/09 09:00	04/02/09 15:30
Outfall-1-040109	BSD0038-02	Water	04/01/09 14:20	04/02/09 15:30
Outfall-1-040109	BSD0038-03	Water	04/01/09 14:35	04/02/09 15:30
Field Blank	BSD0038-04	Water	04/01/09 14:30	04/02/09 15:30
Outfall-2-040109	BSD0038-05	Water	04/01/09 15:00	04/02/09 15:30

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1215 Fourth Avenue, Suite 1350	Project Number:	SAP# 357032	Report Created:
Seattle, WA/USA 98161	Project Manager:	Bill Haldeman	04/17/09 13:04

Gasoline Hydrocarbons (Benzene to Naphthalene) and BTEX by NWTPH-G and EPA 8021B

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Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BSD0038-02 (Outfall-1-040109)		**Water**			**Sampled: 04/01/09 14:20**					**A-01**
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	ND	-----	50.0	ug/l	1x	9D02038	04/02/09 16:16	04/03/09 13:47	
Surrogate(s): 4-BFB (FID)			*86.1%*		*70 - 145 %*	"			"	
4-BFB (PID)			*95.4%*		*80 - 130 %*	"			"	

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Total Metals by EPA 200 Series Methods

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Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BSD0038-02 (Outfall-1-040109)		**Water**					**Sampled: 04/01/09 14:20**			
Arsenic	EPA 200.7	ND	-----	0.100	mg/l	1x	9D06015	04/06/09 10:27	04/07/09 11:39	
Cadmium	"	ND	-----	0.00500	"	"	"	"	"	
Copper	"	ND	-----	0.0100	"	"	"	"	"	
Lead	"	ND	-----	0.0500	"	"	"	"	"	
Nickel	"	ND	-----	0.0100	"	"	"	"	04/08/09 09:46	
Silver	"	ND	-----	0.0100	"	"	"	"	"	
Zinc	"	**0.0641**	-----	0.0200	"	"	"	"	"	

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Conventional Chemistry Parameters by APHA/EPA Methods

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BSD0038-01 (Outfall-1-040109)		**Water**						**Sampled: 04/01/09 09:00**		
Total Suspended Solids	EPA 160.2	ND	-----	4.0	mg/l	1x	9D02044	04/02/09 18:28	04/02/09 21:30	
BSD0038-02 (Outfall-1-040109)		**Water**						**Sampled: 04/01/09 14:20**		
Oil & Grease (HEM)	EPA 1664A	ND	-----	4.90	mg/l	1x	9D02018	04/02/09 12:29	04/03/09 12:08	
Total Petroleum Hydrocarbons (SGT-HEM)	"	ND	-----	4.90	"	"	"	"	"	
BSD0038-05 (Outfall-2-040109)		**Water**						**Sampled: 04/01/09 15:00**		
Oil & Grease (HEM)	EPA 1664A	ND	-----	5.75	mg/l	1x	9D02018	04/02/09 12:29	04/03/09 12:08	
Total Petroleum Hydrocarbons (SGT-HEM)	"	ND	-----	5.75	"	"	"	"	"	

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Mercury per EPA Method 1631E

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Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BSD0038-03 (Outfall-1-040109)		**Water**						**Sampled: 04/01/09 14:35**		
Mercury	EPA 1631E	**0.00520**	-----	0.000500	ug/l	1x	9040370	04/09/09 19:56	04/10/09 12:45	
BSD0038-04 (Field Blank)		**Water**						**Sampled: 04/01/09 14:30**		
Mercury	EPA 1631E	ND	-----	0.000500	ug/l	1x	9040370	04/09/09 19:56	04/10/09 12:51	

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General Chemistry Parameters

TestAmerica Nashville

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BSD0038-02 (Outfall-1-040109)		**Water**						**Sampled: 04/01/09 14:20**		
Cyanide	EPA 335.2 (CLP-M)	ND	-----	0.00500	mg/L	1x	9042240	04/15/09 08:28	04/16/09 17:11	

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Organochlorine Pesticides and/or PCBs by EPA Method 608

TestAmerica Nashville

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BSD0038-02 (Outfall-1-040109)		**Water**				**Sampled: 04/01/09 14:20**				
PCB-1016	EPA 608	ND	-----	0.500	ug/L	1x	9041526	04/10/09 14:30	04/14/09 02:21	
PCB-1221	"	ND	-----	0.500	"	"	"	"	"	
PCB-1232	"	ND	-----	0.500	"	"	"	"	"	
PCB-1242	"	ND	-----	0.500	"	"	"	"	"	
PCB-1248	"	ND	-----	0.500	"	"	"	"	"	
PCB-1254	"	ND	-----	0.500	"	"	"	"	"	
PCB-1260	"	ND	-----	0.500	"	"	"	"	"	
PCB-1262	"	ND	-----	0.500	"	"	"	"	"	
PCB-1268	"	ND	-----	0.500	"	"	"	"	"	
Surrogate(s): *Tetrachloro-meta-xylene*			*87%*		*14 - 150 %*	"			"	
Decachlorobiphenyl			*83%*		*10 - 144 %*	"			"	

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Purgeable Organic Compounds by EPA Method 624

TestAmerica Nashville

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BSD0038-02 (Outfall-1-040109)		**Water**			**Sampled: 04/01/09 14:20**					
Acetone	EPA 624	ND	-----	50.0	ug/L	1x	9040865	04/07/09 15:14	04/08/09 18:12	
Acrolein	"	ND	-----	50.0	"	"	"	"	"	
Acrylonitrile	"	ND	-----	10.0	"	"	"	"	"	
Tert-Amyl Methyl Ether	"	ND	-----	1.00	"	"	"	"	"	
Benzene	"	ND	-----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	
Bromomethane	"	ND	-----	1.00	"	"	"	"	"	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	
n-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	-----	1.00	"	"	"	"	"	
Carbon Tetrachloride	"	ND	-----	1.00	"	"	"	"	"	**L, M7**
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
Chlorodibromomethane	"	ND	-----	1.00	"	"	"	"	"	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	
2-Chloroethylvinyl ether	"	ND	-----	5.00	"	"	"	"	"	**M8**
Chloroform	"	ND	-----	1.00	"	"	"	"	"	
Chloromethane	"	ND	-----	1.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	**L**
1,2-Dibromoethane (EDB)	"	ND	-----	1.00	"	"	"	"	"	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	
trans-1,4-Dichloro-2-butene	"	ND	-----	5.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	**M7**
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichloroethene (total)	"	ND	-----	1.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
Dichlorofluoromethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	

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Seattle, WA/USA 98161	Project Manager:	Bill Haldeman	04/17/09 13:04

Purgeable Organic Compounds by EPA Method 624

TestAmerica Nashville

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BSD0038-02 (Outfall-1-040109)		**Water**			**Sampled: 04/01/09 14:20**					
trans-1,3-Dichloropropene	EPA 624	ND	-----	1.00	ug/L	1x	9040865	04/07/09 15:14	04/08/09 18:12	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
1,4-Dioxane	"	ND	-----	100	"	"	"	"	"	
Ethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Ethyl tert-Butyl Ether	"	ND	-----	1.00	"	"	"	"	"	
Ethyl Methacrylate	"	ND	-----	10.0	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	2.00	"	"	"	"	"	
2-Hexanone	"	ND	-----	5.00	"	"	"	"	"	
Isopropyl alcohol	"	ND	-----	20.0	"	"	"	"	"	
Isopropylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Diisopropyl Ether	"	ND	-----	1.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	-----	1.00	"	"	"	"	"	
Methyl tert-Butyl Ether	"	ND	-----	1.00	"	"	"	"	"	
Methylene Chloride	"	ND	-----	5.00	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	-----	5.00	"	"	"	"	"	
Naphthalene	"	ND	-----	5.00	"	"	"	"	"	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Styrene	"	ND	-----	1.00	"	"	"	"	"	
Tertiary Butyl Alcohol	"	ND	-----	20.0	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	
Tetrachloroethene	"	ND	-----	1.00	"	"	"	"	"	
Tetrahydrofuran	"	ND	-----	20.0	"	"	"	"	"	
Toluene	"	ND	-----	1.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	M7
Trichlorofluoromethane	"	ND	-----	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	**1.06**	-----	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Vinyl acetate	"	ND	-----	10.0	"	"	"	"	"	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	
Xylenes, total	"	**2.33**	-----	2.00	"	"	"	"	"	
Surrogate(s): *1,2-Dichloroethane-d4*			*101%*		*60 - 140 %*	"			"	
Dibromofluoromethane			*117%*		*75 - 124 %*	"			"	
Toluene-d8			*95%*		*78 - 121 %*	"			"	
4-Bromofluorobenzene			*97%*		*79 - 124 %*	"			"	

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Acid and Base/Neutral Extractables by EPA Method 625

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Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BSD0038-02 (Outfall-1-040109)		**Water**			**Sampled: 04/01/09 14:20**					
Acenaphthene	EPA 625	ND	-----	10.0	ug/L	1x	9040968	04/08/09 14:50	04/10/09 12:16	
Acenaphthylene	"	ND	-----	10.0	"	"	"	"	"	
Anthracene	"	ND	-----	10.0	"	"	"	"	"	
Benzo (a) anthracene	"	ND	-----	10.0	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	10.0	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	-----	10.0	"	"	"	"	"	
Benzo (g,h,i) perylene	"	ND	-----	10.0	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	-----	10.0	"	"	"	"	"	
4-Bromophenyl phenyl ether	"	ND	-----	10.0	"	"	"	"	"	
Butyl benzyl phthalate	"	ND	-----	10.0	"	"	"	"	"	
4-Chloro-3-methylphenol	"	ND	-----	10.0	"	"	"	"	"	
Bis(2-chloroethoxy)methane	"	ND	-----	10.0	"	"	"	"	"	
Bis(2-chloroethyl)ether	"	ND	-----	10.0	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	"	ND	-----	10.0	"	"	"	"	"	
2-Chloronaphthalene	"	ND	-----	10.0	"	"	"	"	"	
2-Chlorophenol	"	ND	-----	10.0	"	"	"	"	"	
4-Chlorophenyl phenyl ether	"	ND	-----	10.0	"	"	"	"	"	
Chrysene	"	ND	-----	10.0	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	-----	10.0	"	"	"	"	"	
Di-n-butyl phthalate	"	ND	-----	10.0	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	10.0	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	10.0	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	-----	10.0	"	"	"	"	"	
3,3-Dichlorobenzidine	"	ND	-----	10.0	"	"	"	"	"	
2,4-Dichlorophenol	"	ND	-----	10.0	"	"	"	"	"	
Diethyl phthalate	"	ND	-----	10.0	"	"	"	"	"	
2,4-Dimethylphenol	"	ND	-----	10.0	"	"	"	"	"	M8
Dimethyl phthalate	"	ND	-----	10.0	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	"	ND	-----	25.0	"	"	"	"	"	
2,4-Dinitrophenol	"	ND	-----	25.0	"	"	"	"	"	
2,6-Dinitrotoluene	"	ND	-----	10.0	"	"	"	"	"	
2,4-Dinitrotoluene	"	ND	-----	10.0	"	"	"	"	"	
Di-n-octyl phthalate	"	ND	-----	10.0	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	"	ND	-----	10.0	"	"	"	"	"	
Fluoranthene	"	ND	-----	10.0	"	"	"	"	"	
Fluorene	"	ND	-----	10.0	"	"	"	"	"	
Hexachlorobenzene	"	ND	-----	10.0	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	10.0	"	"	"	"	"	
Hexachlorocyclopentadiene	"	ND	-----	10.0	"	"	"	"	"	
Hexachloroethane	"	ND	-----	10.0	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	10.0	"	"	"	"	"	
Isophorone	"	ND	-----	10.0	"	"	"	"	"	
Naphthalene	"	ND	-----	10.0	"	"	"	"	"	

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Curtis D. Armstrong, Project Manager

HI-SHELL002385

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Acid and Base/Neutral Extractables by EPA Method 625

TestAmerica Nashville

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BSD0038-02 (Outfall-1-040109)		**Water**					**Sampled: 04/01/09 14:20**			
Nitrobenzene	EPA 625	ND	-----	10.0	ug/L	1x	9040968	04/08/09 14:50	04/10/09 12:16	
2-Nitrophenol	"	ND	-----	10.0	"	"	"	"	"	
4-Nitrophenol	"	ND	-----	25.0	"	"	"	"	"	
N-Nitrosodimethylamine	"	ND	-----	10.0	"	"	"	"	"	
N-Nitrosodiphenylamine	"	ND	-----	10.0	"	"	"	"	"	
N-Nitrosodi-n-propylamine	"	ND	-----	10.0	"	"	"	"	"	
Pentachlorophenol	"	ND	-----	25.0	"	"	"	"	"	
Phenanthrene	"	ND	-----	10.0	"	"	"	"	"	
Phenol	"	ND	-----	10.0	"	"	"	"	"	
Pyrene	"	ND	-----	10.0	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	-----	10.0	"	"	"	"	"	
2,4,6-Trichlorophenol	"	ND	-----	10.0	"	"	"	"	"	
1,2-Diphenylhydrazine	"	ND	-----	10.0	"	"	"	"	"	
2-Methylnaphthalene	"	ND	-----	10.0	"	"	"	"	"	
Surrogate(s): *Terphenyl-d14*		*100%*			*10 - 100 %*	"			"	
2,4,6-Tribromophenol		*100%*			*10 - 140 %*	"			"	
Phenol-d5		*36%*			*10 - 100 %*	"			"	
2-Fluorobiphenyl		*85%*			*19 - 120 %*	"			"	
2-Fluorophenol		*51%*			*10 - 100 %*	"			"	
Nitrobenzene-d5		*79%*			*10 - 134 %*	"			"	

TestAmerica Seattle

Curtis D. Armstrong, Project Manager

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SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

PES Environmental	Project Name:	**2555 13th Avenue SW, Seattle, WA 98134**	
1215 Fourth Avenue, Suite 1350	Project Number:	SAP# 357032	Report Created:
Seattle, WA/USA 98161	Project Manager:	Bill Haldeman	04/17/09 13:04

Gasoline Hydrocarbons (Benzene to Naphthalene) and BTEX by NWTPH-G and EPA 8021B - Laboratory Quality Control Results

TestAmerica Seattle

QC Batch: 9D02038 **Water Preparation Method: EPA 5030B (P/T)**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (9D02038-BLK1)							**Extracted: 04/02/09 16:16**							
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	ND	---	50.0	ug/l	1x	--	--	--	--	--	--	04/02/09 21:04	
Benzene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Toluene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Ethylbenzene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Xylenes (total)	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Surrogate(s): 4-BFB (FID)		*Recovery: 84.2%*			*Limits: 70-145%*	"							*04/02/09 21:04*	
4-BFB (PID)		*93.1%*			*80-130%*	"							"	
LCS (9D02038-BS1)							**Extracted: 04/02/09 16:16**							
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	1030	---	50.0	ug/l	1x	--	1000	103%	(80-120)	--	--	04/02/09 21:37	
Surrogate(s): 4-BFB (FID)		*Recovery: 94.6%*			*Limits: 70-145%*	"							*04/02/09 21:37*	
LCS (9D02038-BS2)							**Extracted: 04/02/09 16:16**							
Benzene	NWTPH-Gx/ 8021B	30.4	---	0.500	ug/l	1x	--	30.0	101%	(80-125)	--	--	04/02/09 22:09	
Toluene	"	30.0	---	0.500	"	"	--	"	100%	(80-120)	--	--	"	
Ethylbenzene	"	30.4	---	0.500	"	"	--	"	101%	(80-125)	--	--	"	
Xylenes (total)	"	90.0	---	1.00	"	"	--	90.0	100%	(75-120)	--	--	"	
Surrogate(s): 4-BFB (PID)		*Recovery: 94.0%*			*Limits: 80-130%*	"							*04/02/09 22:09*	
Duplicate (9D02038-DUP1)					**QC Source: BSD0029-01**		**Extracted: 04/02/09 16:16**							
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	ND	---	50.0	ug/l	1x	ND	--	--	--	NR	(25)	04/02/09 23:14	
Benzene	"	ND	---	0.500	"	"	ND	--	--	--	NR	"	"	
Toluene	"	ND	---	0.500	"	"	ND	--	--	--	35.8%	"	"	**R4**
Ethylbenzene	"	ND	---	0.500	"	"	ND	--	--	--	NR	"	"	
Xylenes (total)	"	ND	---	1.00	"	"	ND	--	--	--	48.7%	"	"	**R4**
Surrogate(s): 4-BFB (FID)		*Recovery: 86.4%*			*Limits: 70-145%*	"							*04/02/09 23:14*	
4-BFB (PID)		*94.2%*			*80-130%*	"							"	
Duplicate (9D02038-DUP2)					**QC Source: BSD0029-03**		**Extracted: 04/02/09 16:16**							
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	ND	---	50.0	ug/l	1x	ND	--	--	--	NR	(25)	04/03/09 00:19	
Benzene	"	ND	---	0.500	"	"	ND	--	--	--	NR	"	"	
Toluene	"	ND	---	0.500	"	"	ND	--	--	--	13.1%	"	"	
Ethylbenzene	"	ND	---	0.500	"	"	ND	--	--	--	NR	"	"	
Xylenes (total)	"	ND	---	1.00	"	"	ND	--	--	--	18.8%	"	"	
Surrogate(s): 4-BFB (FID)		*Recovery: 85.2%*			*Limits: 70-145%*	"							*04/03/09 00:19*	
4-BFB (PID)		*93.4%*			*80-130%*	"							"	

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PES Environmental	Project Name:	**2555 13th Avenue SW, Seattle, WA 98134**	
1215 Fourth Avenue, Suite 1350	Project Number:	SAP# 357032	Report Created:
Seattle, WA/USA 98161	Project Manager:	Bill Haldeman	04/17/09 13:04

Gasoline Hydrocarbons (Benzene to Naphthalene) and BTEX by NWTPH-G and EPA 8021B - Laboratory Quality Control Results

TestAmerica Seattle

QC Batch: 9D02038 **Water Preparation Method: EPA 5030B (P/T)**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike (9D02038-MS1)				**QC Source: BSD0029-01**					**Extracted: 04/02/09 16:16**					
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	1010	---	50.0	ug/l	1x	ND	1000	101%	(70-135)	--	--	04/03/09 01:23	
Surrogate(s): 4-BFB (FID)		*Recovery: 94.3%*		*Limits: 70-145%*	*"*								*04/03/09 01:23*	
Matrix Spike (9D02038-MS2)				**QC Source: BSD0029-03**					**Extracted: 04/02/09 16:16**					
Benzene	NWTPH-Gx/ 8021B	31.0	---	0.500	ug/l	1x	ND	30.0	103%	(60-135)	--	--	04/03/09 01:56	
Toluene	"	30.6	---	0.500	"	"	0.179	"	101%	(65-135)	--	--	"	
Ethylbenzene	"	31.0	---	0.500	"	"	ND	"	103%	"	--	--	"	
Xylenes (total)	"	91.5	---	1.00	"	"	0.268	90.0	101%	(65-130)	--	--	"	
Surrogate(s): 4-BFB (PID)		*Recovery: 95.4%*		*Limits: 80-130%*	*"*								*04/03/09 01:56*	

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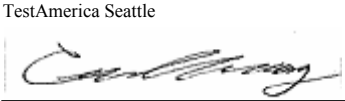

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Seattle, WA/USA 98161	Project Manager:	Bill Haldeman	04/17/09 13:04

Total Metals by EPA 200 Series Methods - Laboratory Quality Control Results

TestAmerica Seattle

QC Batch: 9D06015 **Water Preparation Method: EPA 200 Series**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (9D06015-BLK1)									Extracted: 04/06/09 10:27					
Zinc	EPA 200.7	ND	---	0.0200	mg/l	1x	--	--	--	--	--	--	04/08/09 10:50	
Lead	"	ND	---	0.0500	"	"	--	--	--	--	--	--	04/07/09 11:15	
Silver	"	ND	---	0.0100	"	"	--	--	--	--	--	--	04/08/09 09:33	
Arsenic	"	ND	---	0.100	"	"	--	--	--	--	--	--	04/07/09 11:15	
Cadmium	"	ND	---	0.00500	"	"	--	--	--	--	--	--	"	
Copper	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Nickel	"	ND	---	0.0100	"	"	--	--	--	--	--	--	04/08/09 09:33	
LCS (9D06015-BS1)									Extracted: 04/06/09 10:27					
Zinc	EPA 200.7	4.82	---	0.0200	mg/l	1x	--	5.00	96.5%	(85-115)	--	--	04/08/09 09:37	
Nickel	"	4.98	---	0.0100	"	"	--	"	99.6%	"	--	--	"	
Copper	"	5.45	---	0.0100	"	"	--	"	109%	"	--	--	04/07/09 11:19	
Silver	"	1.00	---	0.0100	"	"	--	1.00	100%	"	--	--	04/08/09 09:37	
Arsenic	"	5.03	---	0.100	"	"	--	5.00	101%	"	--	--	04/07/09 11:19	
Cadmium	"	4.85	---	0.00500	"	"	--	"	96.9%	"	--	--	"	
Lead	"	5.20	---	0.0500	"	"	--	"	104%	"	--	--	"	
Duplicate (9D06015-DUP1)							QC Source: BSD0041-01							
													Extracted: 04/06/09 10:27	
Silver	EPA 200.7	ND	---	0.0100	mg/l	1x	ND	--	--	--	NR	(50)	04/08/09 09:42	
Nickel	"	ND	---	0.0100	"	"	ND	--	--	--	15.4%	(20)	"	
Cadmium	"	ND	---	0.00500	"	"	ND	--	--	--	NR	"	04/07/09 11:35	
Zinc	"	0.0217	---	0.0200	"	"	0.0202	--	--	--	7.16%	(30)	04/08/09 09:42	
Arsenic	"	ND	---	0.100	"	"	ND	--	--	--	NR	(20)	04/07/09 11:35	
Lead	"	ND	---	0.0500	"	"	ND	--	--	--	NR	"	"	
Copper	"	ND	---	0.0100	"	"	ND	--	--	--	NR	"	"	
Matrix Spike (9D06015-MS1)							QC Source: BSD0041-01							
													Extracted: 04/06/09 10:27	
Copper	EPA 200.7	5.50	---	0.0100	mg/l	1x	ND	5.00	110%	(80-120)	--	--	04/07/09 11:22	
Cadmium	"	4.91	---	0.00500	"	"	ND	"	98.1%	"	--	--	"	
Nickel	"	5.02	---	0.0100	"	"	0.00120	"	100%	"	--	--	04/08/09 09:40	
Lead	"	5.23	---	0.0500	"	"	ND	"	105%	"	--	--	04/07/09 11:22	
Arsenic	"	5.10	---	0.100	"	"	ND	"	102%	"	--	--	"	
Zinc	"	4.87	---	0.0200	"	"	0.0202	"	97.1%	"	--	--	04/08/09 09:40	
Silver	"	0.998	---	0.0100	"	"	ND	1.00	99.8%	"	--	--	"	

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PES Environmental	Project Name:	**2555 13th Avenue SW, Seattle, WA 98134**	
1215 Fourth Avenue, Suite 1350	Project Number:	SAP# 357032	Report Created:
Seattle, WA/USA 98161	Project Manager:	Bill Haldeman	04/17/09 13:04

Conventional Chemistry Parameters by APHA/EPA Methods - Laboratory Quality Control Results

TestAmerica Seattle

QC Batch: 9D02018 **Water Preparation Method: Gravimetric (hexane)**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (9D02018-BLK1)								**Extracted: 04/02/09 12:29**						
Oil & Grease (HEM)	EPA 1664A	ND	---	5.00	mg/l	1x	--	--	--	--	--	--	04/03/09 12:08	
Total Petroleum Hydrocarbons (SGT-HEM)	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
LCS (9D02018-BS1)								**Extracted: 04/02/09 12:29**						
Oil & Grease (HEM)	EPA 1664A	39.5	---	5.00	mg/l	1x	--	40.0	98.8%	(78-114)	--	--	04/03/09 12:08	
Total Petroleum Hydrocarbons (SGT-HEM)	"	19.8	---	5.00	"	"	--	20.0	98.8%	(64-132)	--	--	"	
LCS Dup (9D02018-BSD1)								**Extracted: 04/02/09 12:29**						
Oil & Grease (HEM)	EPA 1664A	38.9	---	5.00	mg/l	1x	--	40.0	97.2%	(78-114)	1.53%	(18)	04/03/09 12:08	
Total Petroleum Hydrocarbons (SGT-HEM)	"	19.4	---	5.00	"	"	--	20.0	97.2%	(64-132)	1.53%	(34)	"	
Matrix Spike (9D02018-MS1)					**QC Source: BSD0019-01**			**Extracted: 04/02/09 12:29**						
Oil & Grease (HEM)	EPA 1664A	29.4	---	4.72	mg/l	1x	1.04	37.7	75.2%	(78-114)	--	--	04/03/09 12:08	**M2**
Total Petroleum Hydrocarbons (SGT-HEM)	"	14.7	---	4.72	"	"	ND	18.9	78.0%	(64-132)	--	--	"	

QC Batch: 9D02044 **Water Preparation Method: General Preparation**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (9D02044-BLK1)								**Extracted: 04/02/09 18:28**						
Total Suspended Solids	EPA 160.2	ND	---	4.0	mg/l	1x	--	--	--	--	--	--	04/02/09 21:30	
LCS (9D02044-BS1)								**Extracted: 04/02/09 18:28**						
Total Suspended Solids	EPA 160.2	41	---	4.0	mg/l	1x	--	50.0	82.0%	(70-130)	--	--	04/02/09 21:30	
Duplicate (9D02044-DUP1)					**QC Source: BSC0322-01**			**Extracted: 04/02/09 18:28**						
Total Suspended Solids	EPA 160.2	42	---	4.0	mg/l	1x	42	--	--	--	0.00%	(20)	04/02/09 21:30	

TestAmerica Seattle

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Seattle, WA/USA 98161	Project Manager:	Bill Haldeman	04/17/09 13:04

Mercury per EPA Method 1631E - Laboratory Quality Control Results

TestAmerica Portland

QC Batch: 9040370 **Water Preparation Method: EPA 1631**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (9040370-BLK1)								**Extracted: 04/09/09 19:56**						
Mercury	EPA 1631E	ND	---	0.000500	ug/l	1x	--	--	--	--	--	--	04/10/09 11:55	
LCS (9040370-BS1)								**Extracted: 04/09/09 19:56**						
Mercury	EPA 1631E	0.00467	---	0.000500	ug/l	1x	--	0.00500	93.4%	(85-115)	--	--	04/10/09 12:01	
LCS Dup (9040370-BSD1)								**Extracted: 04/09/09 19:56**						
Mercury	EPA 1631E	0.00447	---	0.000500	ug/l	1x	--	0.00500	89.4%	(85-115)	4.38%	(20)	04/10/09 12:08	
Duplicate (9040370-DUP1)				**QC Source: PSD0003-01**				**Extracted: 04/09/09 19:56**						
Mercury	EPA 1631E	0.000575	---	0.000500	ug/l	1x	0.000568	--	--	--	1.26%	(20)	04/10/09 12:14	
Matrix Spike (9040370-MS1)				**QC Source: PSD0003-01**				**Extracted: 04/09/09 19:56**						
Mercury	EPA 1631E	0.00497	---	0.000500	ug/l	1x	0.000568	0.00500	88.0%	(70-125)	--	--	04/10/09 12:20	
Matrix Spike Dup (9040370-MSD1)				**QC Source: PSD0003-01**				**Extracted: 04/09/09 19:56**						
Mercury	EPA 1631E	0.00517	---	0.000500	ug/l	1x	0.000568	0.00500	92.0%	(70-125)	3.91%	(20)	04/10/09 12:26	

TestAmerica Seattle

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Seattle, WA/USA 98161	Project Manager:	Bill Haldeman	04/17/09 13:04

General Chemistry Parameters - Laboratory Quality Control Results

TestAmerica Nashville

QC Batch: 9042240 **Water Preparation Method: NO PREP**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (9042240-BLK1)									**Extracted: 04/15/09 08:28**					
Cyanide	EPA 335.2 (CLP-M)	ND	---	0.00500	mg/L	1x	--	--	--	--	--	--	04/16/09 17:11	
LCS (9042240-BS1)									**Extracted: 04/15/09 08:28**					
Cyanide	EPA 335.2 (CLP-M)	0.0928	---	0.00500	mg/L	1x	--	0.100	93%	(90-110)	--	--	04/16/09 17:11	
Duplicate (9042240-DUP1)					**QC Source: BSD0038-02**				**Extracted: 04/15/09 08:28**					
Cyanide	EPA 335.2 (CLP-M)	ND	---	0.00500	mg/L	1x	ND	--	--	--	NR	(43)	04/16/09 17:11	
Matrix Spike (9042240-MS1)					**QC Source: BSD0038-02**				**Extracted: 04/15/09 08:28**					
Cyanide	EPA 335.2 (CLP-M)	0.102	---	0.00500	mg/L	1x	ND	0.100	102%	(68-134)	--	--	04/16/09 17:11	
Matrix Spike Dup (9042240-MSD1)					**QC Source: BSD0038-02**				**Extracted: 04/15/09 08:28**					
Cyanide	EPA 335.2 (CLP-M)	0.106	---	0.00500	mg/L	1x	ND	0.100	106%	(68-134)	4%	(43)	04/16/09 17:11	

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Seattle, WA/USA 98161	Project Manager:	Bill Haldeman	04/17/09 13:04

Organochlorine Pesticides and/or PCBs by EPA Method 608 - Laboratory Quality Control Results

TestAmerica Nashville

QC Batch: 9041526 **Water Preparation Method: EPA 608**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (9041526-BLK1)							**Extracted: 04/10/09 14:30**							
PCB-1016	EPA 608	ND	---	0.500	ug/L	1x	--	--	--	--	--	--	04/14/09 01:16	
PCB-1221	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
PCB-1232	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
PCB-1242	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
PCB-1248	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
PCB-1254	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
PCB-1260	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
PCB-1262	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
PCB-1268	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Surrogate(s): Tetrachloro-meta-xylene		*Recovery: 87%*			*Limits: 14-150%*	"							*04/14/09 01:16*	
Decachlorobiphenyl		*93%*			*10-144%*	"							"	
LCS (9041526-BS1)							**Extracted: 04/10/09 14:30**							
PCB-1242	EPA 608	8.02	---	0.500	ug/L	1x	--	10.0	80%	(39-142)	--	--	04/14/09 01:37	
Surrogate(s): Tetrachloro-meta-xylene		*Recovery: 92%*			*Limits: 14-150%*	"							*04/14/09 01:37*	
Decachlorobiphenyl		*94%*			*10-144%*	"							"	
Matrix Spike (9041526-MS1)							**QC Source: BSD0038-02** **Extracted: 04/10/09 14:30**							
PCB-1242	EPA 608	8.24	---	0.500	ug/L	1x	ND	10.0	82%	(39-142)	--	--	04/14/09 01:59	
Surrogate(s): Tetrachloro-meta-xylene		*Recovery: 91%*			*Limits: 14-150%*	"							*04/14/09 01:59*	
Decachlorobiphenyl		*75%*			*10-144%*	"							"	

TestAmerica Seattle

Curtis D. Armstrong, Project Manager

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SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

PES Environmental	Project Name:	**2555 13th Avenue SW, Seattle, WA 98134**	
1215 Fourth Avenue, Suite 1350	Project Number:	SAP# 357032	Report Created:
Seattle, WA/USA 98161	Project Manager:	Bill Haldeman	04/17/09 13:04

Purgeable Organic Compounds by EPA Method 624 - Laboratory Quality Control Results

TestAmerica Nashville

QC Batch: 9040865 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (9040865-BLK1)							**Extracted: 04/06/09 16:52**							
Acetone	EPA 624	ND	---	50.0	ug/L	1x	--	--	--	--	--	--	04/08/09 15:40	
Acrolein	"	ND	---	50.0	"	"	--	--	--	--	--	--	"	
Acrylonitrile	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Tert-Amyl Methyl Ether	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Benzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromochloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromodichloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromoform	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromomethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
2-Butanone	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
n-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
sec-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
tert-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Carbon disulfide	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Carbon Tetrachloride	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chlorodibromomethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
2-Chloroethylvinyl ether	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Chloroform	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
2-Chlorotoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
4-Chlorotoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dibromo-3-chloropropane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,2-Dibromoethane (EDB)	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Dibromomethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
trans-1,4-Dichloro-2-butene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,2-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,4-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Dichlorodifluoromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
cis-1,2-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
trans-1,2-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichloroethene (total)	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Dichlorofluoromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	

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SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
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1215 Fourth Avenue, Suite 1350	Project Number:	SAP# 357032	Report Created:
Seattle, WA/USA 98161	Project Manager:	Bill Haldeman	04/17/09 13:04

Purgeable Organic Compounds by EPA Method 624 - Laboratory Quality Control Results

TestAmerica Nashville

QC Batch: 9040865 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (9040865-BLK1)							**Extracted: 04/06/09 16:52**							
1,2-Dichloropropane	EPA 624	ND	---	1.00	ug/L	1x	--	--	--	--	--	--	04/08/09 15:40	
1,3-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
2,2-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
cis-1,3-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
trans-1,3-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,4-Dioxane	"	ND	---	100	"	"	--	--	--	--	--	--	"	
Ethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Ethyl tert-Butyl Ether	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Ethyl Methacrylate	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Hexachlorobutadiene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
2-Hexanone	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Isopropyl alcohol	"	ND	---	20.0	"	"	--	--	--	--	--	--	"	
Isopropylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Diisopropyl Ether	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
p-Isopropyltoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Methyl tert-Butyl Ether	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Methylene Chloride	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
4-Methyl-2-pentanone	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
n-Propylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Styrene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Tertiary Butyl Alcohol	"	ND	---	20.0	"	"	--	--	--	--	--	--	"	
1,1,1,2-Tetrachloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,2,2-Tetrachloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Tetrachloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Tetrahydrofuran	"	ND	---	20.0	"	"	--	--	--	--	--	--	"	
Toluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,3-Trichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,4-Trichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,2-Trichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,1-Trichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Trichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Trichlorofluoromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,3-Trichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3,5-Trimethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,4-Trimethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Vinyl acetate	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Vinyl chloride	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	

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BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

PES Environmental	Project Name:	**2555 13th Avenue SW, Seattle, WA 98134**	
1215 Fourth Avenue, Suite 1350	Project Number:	SAP# 357032	Report Created:
Seattle, WA/USA 98161	Project Manager:	Bill Haldeman	04/17/09 13:04

Purgeable Organic Compounds by EPA Method 624 - Laboratory Quality Control Results

TestAmerica Nashville

QC Batch: 9040865 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (9040865-BLK1)							**Extracted: 04/06/09 16:52**							
Xylenes, total	EPA 624	ND	---	2.00	ug/L	1x	--	--	--	--	--	--	04/08/09 15:40	
Surrogate(s): 1,2-Dichloroethane-d4		*Recovery: 104%*			*Limits: 60-140%*	"							*04/08/09 15:40*	
Dibromofluoromethane		*109%*			*75-124%*	"							"	
Toluene-d8		*95%*			*78-121%*	"							"	
4-Bromofluorobenzene		*96%*			*79-124%*	"							"	
LCS (9040865-BS1)							**Extracted: 04/06/09 16:52**							
Acetone	EPA 624	119	---		ug/L	1x	--	100	119%	(57-150)	--	--	04/08/09 13:07	
Acrolein	"	124	---		"	"	--	"	124%	(11-150)	--	--	"	
Acrylonitrile	"	99.6	---		"	"	--	"	100%	(62-145)	--	--	"	
Tert-Amyl Methyl Ether	"	20.9	---		"	"	--	20.0	104%	(64-138)	--	--	"	
Benzene	"	20.0	---		"	"	--	"	100%	(37-151)	--	--	"	
Bromobenzene	"	20.3	---		"	"	--	"	101%	(69-124)	--	--	"	
Bromochloromethane	"	23.2	---		"	"	--	"	116%	(73-150)	--	--	"	
Bromodichloromethane	"	24.8	---		"	"	--	"	124%	(35-155)	--	--	"	
Bromoform	"	32.0	---		"	"	--	"	160%	(45-169)	--	--	"	
Bromomethane	"	19.8	---		"	"	--	"	99%	(10-242)	--	--	"	
2-Butanone	"	109	---		"	"	--	100	109%	(67-148)	--	--	"	
n-Butylbenzene	"	22.0	---		"	"	--	20.0	110%	(66-129)	--	--	"	
sec-Butylbenzene	"	21.6	---		"	"	--	"	108%	(66-142)	--	--	"	
tert-Butylbenzene	"	21.8	---		"	"	--	"	109%	(71-134)	--	--	"	
Carbon disulfide	"	20.4	---		"	"	--	"	102%	(71-145)	--	--	"	
Carbon Tetrachloride	"	34.7	---		"	"	--	"	173%	(70-140)	--	--	"	L
Chlorobenzene	"	22.1	---		"	"	--	"	111%	(37-160)	--	--	"	
Chlorodibromomethane	"	29.2	---		"	"	--	"	146%	(53-149)	--	--	"	
Chloroethane	"	16.8	---		"	"	--	"	84%	(14-230)	--	--	"	
2-Chloroethylvinyl ether	"	97.7	---		"	"	--	100	98%	(10-305)	--	--	"	
Chloroform	"	20.6	---		"	"	--	20.0	103%	(51-138)	--	--	"	
Chloromethane	"	14.4	---		"	"	--	"	72%	(10-273)	--	--	"	
2-Chlorotoluene	"	20.7	---		"	"	--	"	103%	(72-126)	--	--	"	
4-Chlorotoluene	"	20.6	---		"	"	--	"	103%	(71-128)	--	--	"	
1,2-Dibromo-3-chloropropane	"	27.5	---		"	"	--	"	138%	(51-123)	--	--	"	L
1,2-Dibromoethane (EDB)	"	22.8	---		"	"	--	"	114%	(80-128)	--	--	"	
Dibromomethane	"	23.7	---		"	"	--	"	118%	(67-150)	--	--	"	
trans-1,4-Dichloro-2-butene	"	20.4	---		"	"	--	"	102%	(42-138)	--	--	"	
1,2-Dichlorobenzene	"	22.9	---		"	"	--	"	114%	(18-190)	--	--	"	
1,4-Dichlorobenzene	"	22.3	---		"	"	--	"	111%	"	--	--	"	
1,3-Dichlorobenzene	"	22.0	---		"	"	--	"	110%	(59-156)	--	--	"	
Dichlorodifluoromethane	"	21.2	---		"	"	--	"	106%	(36-120)	--	--	"	

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Purgeable Organic Compounds by EPA Method 624 - Laboratory Quality Control Results

TestAmerica Nashville

QC Batch: 9040865 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (9040865-BS1)							**Extracted: 04/06/09 16:52**							
1,2-Dichloroethane	EPA 624	21.9	---		ug/L	1x	--	20.0	109%	(49-155)	--	--	04/08/09 13:07	
1,1-Dichloroethane	"	19.1	---		"	"	--	"	95%	(59-155)	--	--	"	
cis-1,2-Dichloroethene	"	20.9	---		"	"	--	"	104%	(63-150)	--	--	"	
trans-1,2-Dichloroethene	"	19.5	---		"	"	--	"	98%	(54-156)	--	--	"	
1,2-Dichloroethene (total)	"	40.4	---		"	"	--	40.0	101%	"	--	--	"	
1,1-Dichloroethene	"	21.0	---		"	"	--	20.0	105%	(10-234)	--	--	"	
Dichlorofluoromethane	"	20.1	---		"	"	--	"	101%	(63-131)	--	--	"	
1,2-Dichloropropane	"	18.6	---		"	"	--	"	93%	(10-210)	--	--	"	
1,3-Dichloropropane	"	20.5	---		"	"	--	"	103%	(79-127)	--	--	"	
2,2-Dichloropropane	"	23.6	---		"	"	--	"	118%	(36-150)	--	--	"	
cis-1,3-Dichloropropene	"	22.4	---		"	"	--	"	112%	(10-227)	--	--	"	
trans-1,3-Dichloropropene	"	21.6	---		"	"	--	"	108%	(17-183)	--	--	"	
1,1-Dichloropropene	"	21.7	---		"	"	--	"	108%	(71-149)	--	--	"	
1,4-Dioxane	"	2720	---		"	"	--	2000	136%	(10-150)	--	--	"	
Ethylbenzene	"	21.3	---		"	"	--	20.0	107%	(37-162)	--	--	"	
Ethyl tert-Butyl Ether	"	19.0	---		"	"	--	"	95%	(63-134)	--	--	"	
Ethyl Methacrylate	"	108	---		"	"	--	100	108%	(81-131)	--	--	"	
Hexachlorobutadiene	"	24.0	---		"	"	--	20.0	120%	(60-147)	--	--	"	
2-Hexanone	"	100	---		"	"	--	100	100%	(67-137)	--	--	"	
Isopropyl alcohol	"	223	---		"	"	--	200	112%	(24-150)	--	--	"	
Isopropylbenzene	"	22.6	---		"	"	--	20.0	113%	(77-122)	--	--	"	
Diisopropyl Ether	"	18.7	---		"	"	--	"	94%	(60-135)	--	--	"	
p-Isopropyltoluene	"	22.0	---		"	"	--	"	110%	(71-126)	--	--	"	
Methyl tert-Butyl Ether	"	21.6	---		"	"	--	"	108%	(64-132)	--	--	"	
Methylene Chloride	"	20.0	---		"	"	--	"	100%	(10-221)	--	--	"	
4-Methyl-2-pentanone	"	98.0	---		"	"	--	100	98%	(69-134)	--	--	"	
Naphthalene	"	23.8	---		"	"	--	20.0	119%	(31-140)	--	--	"	
n-Propylbenzene	"	20.8	---		"	"	--	"	104%	(70-128)	--	--	"	
Styrene	"	23.0	---		"	"	--	"	115%	(80-148)	--	--	"	
Tertiary Butyl Alcohol	"	216	---		"	"	--	200	108%	(46-150)	--	--	"	
1,1,1,2-Tetrachloroethane	"	25.5	---		"	"	--	20.0	127%	(72-140)	--	--	"	
1,1,2,2-Tetrachloroethane	"	21.8	---		"	"	--	"	109%	(46-157)	--	--	"	
Tetrachloroethene	"	21.1	---		"	"	--	"	106%	(64-148)	--	--	"	
Tetrahydrofuran	"	190	---		"	"	--	200	95%	(53-129)	--	--	"	
Toluene	"	20.3	---		"	"	--	20.0	101%	(47-150)	--	--	"	
1,2,3-Trichlorobenzene	"	23.5	---		"	"	--	"	118%	(46-131)	--	--	"	
1,2,4-Trichlorobenzene	"	24.6	---		"	"	--	"	123%	(42-131)	--	--	"	
1,1,2-Trichloroethane	"	21.2	---		"	"	--	"	106%	(52-150)	--	--	"	
1,1,1-Trichloroethane	"	22.7	---		"	"	--	"	114%	(52-162)	--	--	"	

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Purgeable Organic Compounds by EPA Method 624 - Laboratory Quality Control Results

TestAmerica Nashville

QC Batch: 9040865 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (9040865-BS1)							**Extracted: 04/06/09 16:52**							
Trichloroethene	EPA 624	23.5	---		ug/L	1x	--	20.0	117%	(71-157)	--	--	04/08/09 13:07	
Trichlorofluoromethane	"	21.2	---		"	"	--	"	106%	(17-181)	--	--	"	
1,2,3-Trichloropropane	"	19.9	---		"	"	--	"	99%	(57-122)	--	--	"	
1,3,5-Trimethylbenzene	"	21.6	---		"	"	--	"	108%	(73-130)	--	--	"	
1,2,4-Trimethylbenzene	"	21.8	---		"	"	--	"	109%	(70-136)	--	--	"	
Vinyl acetate	"	125	---		"	"	--	100	125%	(21-150)	--	--	"	
Vinyl chloride	"	17.0	---		"	"	--	20.0	85%	(10-251)	--	--	"	
Xylenes, total	"	64.4	---		"	"	--	60.0	107%	(80-129)	--	--	"	
Surrogate(s): 1,2-Dichloroethane-d4		*Recovery: 96%*			*Limits: 60-140%*	"							*04/08/09 13:07*	
Dibromofluoromethane		*103%*			*75-124%*	"							"	
Toluene-d8		*94%*			*78-121%*	"							"	
4-Bromofluorobenzene		*93%*			*79-124%*	"							"	
LCS Dup (9040865-BSD1)							**Extracted: 04/06/09 16:52**							
Acetone	EPA 624	119	---		ug/L	1x	--	100	119%	(57-150)	0.2%	(200)	04/08/09 13:32	
Acrolein	"	122	---		"	"	--	"	122%	(11-150)	1%	"	"	
Acrylonitrile	"	98.3	---		"	"	--	"	98%	(62-145)	1%	"	"	
Tert-Amyl Methyl Ether	"	19.7	---		"	"	--	20.0	99%	(64-138)	6%	"	"	
Benzene	"	20.6	---		"	"	--	"	103%	(37-151)	3%	"	"	
Bromobenzene	"	20.5	---		"	"	--	"	103%	(69-124)	1%	"	"	
Bromochloromethane	"	22.7	---		"	"	--	"	114%	(73-150)	2%	"	"	
Bromodichloromethane	"	25.1	---		"	"	--	"	126%	(35-155)	1%	"	"	
Bromoform	"	32.5	---		"	"	--	"	162%	(45-169)	1%	"	"	
Bromomethane	"	18.4	---		"	"	--	"	92%	(10-242)	7%	"	"	
2-Butanone	"	121	---		"	"	--	100	121%	(67-148)	11%	"	"	
n-Butylbenzene	"	21.1	---		"	"	--	20.0	106%	(66-129)	4%	"	"	
sec-Butylbenzene	"	21.3	---		"	"	--	"	106%	(66-142)	1%	"	"	
tert-Butylbenzene	"	21.3	---		"	"	--	"	107%	(71-134)	2%	"	"	
Carbon disulfide	"	19.8	---		"	"	--	"	99%	(71-145)	3%	"	"	
Carbon Tetrachloride	"	32.5	---		"	"	--	"	163%	(70-140)	6%	"	"	L
Chlorobenzene	"	22.4	---		"	"	--	"	112%	(37-160)	1%	"	"	
Chlorodibromomethane	"	27.7	---		"	"	--	"	138%	(53-149)	6%	"	"	
Chloroethane	"	16.2	---		"	"	--	"	81%	(14-230)	3%	"	"	
2-Chloroethylvinyl ether	"	96.5	---		"	"	--	100	96%	(10-305)	1%	"	"	
Chloroform	"	20.3	---		"	"	--	20.0	102%	(51-138)	1%	"	"	
Chloromethane	"	14.5	---		"	"	--	"	72%	(10-273)	0.8%	"	"	
2-Chlorotoluene	"	20.5	---		"	"	--	"	103%	(72-126)	0.7%	"	"	
4-Chlorotoluene	"	20.2	---		"	"	--	"	101%	(71-128)	2%	"	"	
1,2-Dibromo-3-chloropropane	"	26.7	---		"	"	--	"	134%	(51-123)	3%	"	"	L

TestAmerica Seattle

Curtis D. Armstrong, Project Manager

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SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

PES Environmental	Project Name:	**2555 13th Avenue SW, Seattle, WA 98134**	
1215 Fourth Avenue, Suite 1350	Project Number:	SAP# 357032	Report Created:
Seattle, WA/USA 98161	Project Manager:	Bill Haldeman	04/17/09 13:04

Purgeable Organic Compounds by EPA Method 624 - Laboratory Quality Control Results

TestAmerica Nashville

QC Batch: 9040865 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS Dup (9040865-BSD1)							**Extracted: 04/06/09 16:52**							
1,2-Dibromoethane (EDB)	EPA 624	22.3	---		ug/L	1x	--	20.0	112%	(80-128)	2%	(200)	04/08/09 13:32	
Dibromomethane	"	23.5	---		"	"	--	"	118%	(67-150)	0.7%	"	"	
trans-1,4-Dichloro-2-butene	"	17.0	---		"	"	--	"	85%	(42-138)	18%	"	"	
1,2-Dichlorobenzene	"	23.3	---		"	"	--	"	116%	(18-190)	2%	"	"	
1,4-Dichlorobenzene	"	22.4	---		"	"	--	"	112%	"	0.5%	"	"	
1,3-Dichlorobenzene	"	22.5	---		"	"	--	"	112%	(59-156)	2%	"	"	
Dichlorodifluoromethane	"	20.0	---		"	"	--	"	100%	(36-120)	6%	"	"	
1,2-Dichloroethane	"	21.7	---		"	"	--	"	108%	(49-155)	0.9%	"	"	
1,1-Dichloroethane	"	18.5	---		"	"	--	"	92%	(59-155)	3%	"	"	
cis-1,2-Dichloroethene	"	20.2	---		"	"	--	"	101%	(63-150)	3%	"	"	
trans-1,2-Dichloroethene	"	20.0	---		"	"	--	"	100%	(54-156)	3%	"	"	
1,2-Dichloroethene (total)	"	40.2	---		"	"	--	40.0	100%	"	0.4%	"	"	
1,1-Dichloroethene	"	20.8	---		"	"	--	20.0	104%	(10-234)	1%	"	"	
Dichlorofluoromethane	"	19.2	---		"	"	--	"	96%	(63-131)	5%	"	"	
1,2-Dichloropropane	"	18.0	---		"	"	--	"	90%	(10-210)	3%	"	"	
1,3-Dichloropropane	"	21.1	---		"	"	--	"	106%	(79-127)	3%	"	"	
2,2-Dichloropropane	"	22.7	---		"	"	--	"	113%	(36-150)	4%	"	"	
cis-1,3-Dichloropropene	"	21.6	---		"	"	--	"	108%	(10-227)	4%	"	"	
trans-1,3-Dichloropropene	"	20.7	---		"	"	--	"	104%	(17-183)	4%	"	"	
1,1-Dichloropropene	"	21.1	---		"	"	--	"	105%	(71-149)	3%	"	"	
1,4-Dioxane	"	2460	---		"	"	--	2000	123%	(10-150)	10%	"	"	
Ethylbenzene	"	21.4	---		"	"	--	20.0	107%	(37-162)	0.2%	"	"	
Ethyl tert-Butyl Ether	"	19.3	---		"	"	--	"	97%	(63-134)	2%	"	"	
Ethyl Methacrylate	"	108	---		"	"	--	100	108%	(81-131)	0.3%	"	"	
Hexachlorobutadiene	"	24.0	---		"	"	--	20.0	120%	(60-147)	0.08%	"	"	
2-Hexanone	"	98.8	---		"	"	--	100	99%	(67-137)	1%	"	"	
Isopropyl alcohol	"	215	---		"	"	--	200	108%	(24-150)	4%	"	"	
Isopropylbenzene	"	22.5	---		"	"	--	20.0	112%	(77-122)	0.6%	"	"	
Diisopropyl Ether	"	18.9	---		"	"	--	"	94%	(60-135)	0.7%	"	"	
p-Isopropyltoluene	"	21.3	---		"	"	--	"	106%	(71-126)	3%	"	"	
Methyl tert-Butyl Ether	"	21.6	---		"	"	--	"	108%	(64-132)	0.2%	"	"	
Methylene Chloride	"	20.0	---		"	"	--	"	100%	(10-221)	0.1%	"	"	
4-Methyl-2-pentanone	"	99.8	---		"	"	--	100	100%	(69-134)	2%	"	"	
Naphthalene	"	23.0	---		"	"	--	20.0	115%	(31-140)	4%	"	"	
n-Propylbenzene	"	20.5	---		"	"	--	"	102%	(70-128)	2%	"	"	
Styrene	"	23.5	---		"	"	--	"	117%	(80-148)	2%	"	"	
Tertiary Butyl Alcohol	"	221	---		"	"	--	200	111%	(46-150)	2%	"	"	
1,1,1,2-Tetrachloroethane	"	25.7	---		"	"	--	20.0	129%	(72-140)	0.9%	"	"	
1,1,2,2-Tetrachloroethane	"	21.0	---		"	"	--	"	105%	(46-157)	4%	"	"	

TestAmerica Seattle

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PES Environmental	Project Name:	**2555 13th Avenue SW, Seattle, WA 98134**	
1215 Fourth Avenue, Suite 1350	Project Number:	SAP# 357032	Report Created:
Seattle, WA/USA 98161	Project Manager:	Bill Haldeman	04/17/09 13:04

Purgeable Organic Compounds by EPA Method 624 - Laboratory Quality Control Results

TestAmerica Nashville

QC Batch: 9040865 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS Dup (9040865-BSD1)							**Extracted: 04/06/09 16:52**							
Tetrachloroethene	EPA 624	20.9	---		ug/L	1x	--	20.0	105%	(64-148)	0.9%	(200)	04/08/09 13:32	
Tetrahydrofuran	"	185	---		"	"	--	200	92%	(53-129)	3%	"	"	
Toluene	"	20.3	---		"	"	--	20.0	101%	(47-150)	0.05%	"	"	
1,2,3-Trichlorobenzene	"	22.5	---		"	"	--	"	113%	(46-131)	4%	"	"	
1,2,4-Trichlorobenzene	"	24.0	---		"	"	--	"	120%	(42-131)	3%	"	"	
1,1,2-Trichloroethane	"	22.3	---		"	"	--	"	112%	(52-150)	5%	"	"	
1,1,1-Trichloroethane	"	20.6	---		"	"	--	"	103%	(52-162)	10%	"	"	
Trichloroethene	"	23.0	---		"	"	--	"	115%	(71-157)	2%	"	"	
Trichlorofluoromethane	"	20.6	---		"	"	--	"	103%	(17-181)	3%	"	"	
1,2,3-Trichloropropane	"	18.4	---		"	"	--	"	92%	(57-122)	8%	"	"	
1,3,5-Trimethylbenzene	"	21.2	---		"	"	--	"	106%	(73-130)	2%	"	"	
1,2,4-Trimethylbenzene	"	21.5	---		"	"	--	"	108%	(70-136)	1%	"	"	
Vinyl acetate	"	123	---		"	"	--	100	123%	(21-150)	2%	"	"	
Vinyl chloride	"	17.0	---		"	"	--	20.0	85%	(10-251)	0.2%	"	"	
Xylenes, total	"	65.0	---		"	"	--	60.0	108%	(80-129)	0.9%	"	"	
Surrogate(s): 1,2-Dichloroethane-d4		*Recovery: 96%*			*Limits: 60-140%*	"							*04/08/09 13:32*	
Dibromofluoromethane		*107%*			*75-124%*	"							"	
Toluene-d8		*96%*			*78-121%*	"							"	
4-Bromofluorobenzene		*95%*			*79-124%*	"							"	
Matrix Spike (9040865-MS1)					**QC Source: BSD0038-02**		**Extracted: 04/06/09 16:52**							
Acetone	EPA 624	88.2	---		ug/L	1x	ND	100	88%	(57-150)	--	--	04/10/09 07:00	
Acrolein	"	122	---		"	"	ND	"	122%	(11-150)	--	--	"	
Acrylonitrile	"	79.4	---		"	"	ND	"	79%	(62-145)	--	--	"	
Tert-Amyl Methyl Ether	"	18.4	---		"	"	ND	20.0	92%	(64-138)	--	--	"	
Benzene	"	20.1	---		"	"	ND	"	101%	(37-151)	--	--	"	
Bromobenzene	"	19.0	---		"	"	ND	"	95%	(69-124)	--	--	"	
Bromochloromethane	"	22.2	---		"	"	ND	"	111%	(73-150)	--	--	"	
Bromodichloromethane	"	23.3	---		"	"	ND	"	116%	(35-155)	--	--	"	
Bromoform	"	29.9	---		"	"	ND	"	149%	(45-169)	--	--	"	
Bromomethane	"	17.1	---		"	"	ND	"	85%	(10-242)	--	--	"	
2-Butanone	"	100	---		"	"	ND	100	100%	(67-148)	--	--	"	
n-Butylbenzene	"	20.1	---		"	"	ND	20.0	100%	(66-129)	--	--	"	
sec-Butylbenzene	"	21.0	---		"	"	ND	"	105%	(66-142)	--	--	"	
tert-Butylbenzene	"	21.2	---		"	"	ND	"	106%	(71-134)	--	--	"	
Carbon disulfide	"	19.5	---		"	"	ND	"	98%	(71-145)	--	--	"	
Carbon Tetrachloride	"	31.2	---		"	"	ND	"	156%	(70-140)	--	--	"	**M7**
Chlorobenzene	"	21.3	---		"	"	ND	"	106%	(37-160)	--	--	"	
Chlorodibromomethane	"	27.4	---		"	"	ND	"	137%	(53-149)	--	--	"	

TestAmerica Seattle

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SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
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PES Environmental	Project Name:	**2555 13th Avenue SW, Seattle, WA 98134**	
1215 Fourth Avenue, Suite 1350	Project Number:	SAP# 357032	Report Created:
Seattle, WA/USA 98161	Project Manager:	Bill Haldeman	04/17/09 13:04

Purgeable Organic Compounds by EPA Method 624 - Laboratory Quality Control Results

TestAmerica Nashville

QC Batch: 9040865 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike (9040865-MS1)				**QC Source: BSD0038-02**					**Extracted: 04/06/09 16:52**					
Chloroethane	EPA 624	15.2	---		ug/L	1x	ND	20.0	76%	(14-230)	--	--	04/10/09 07:00	
2-Chloroethylvinyl ether	"	0.00	---	TIC	"	"	ND	100	NR	(10-305)	--	--	"	**M8**
Chloroform	"	18.6	---		"	"	ND	20.0	93%	(51-138)	--	--	"	
Chloromethane	"	11.2	---		"	"	ND	"	56%	(10-273)	--	--	"	
2-Chlorotoluene	"	20.0	---		"	"	ND	"	100%	(72-126)	--	--	"	
4-Chlorotoluene	"	18.0	---		"	"	ND	"	90%	(71-128)	--	--	"	
1,2-Dibromo-3-chloropropane	"	22.4	---		"	"	ND	"	112%	(51-123)	--	--	"	
1,2-Dibromoethane (EDB)	"	20.3	---		"	"	ND	"	102%	(80-128)	--	--	"	
Dibromomethane	"	21.4	---		"	"	ND	"	107%	(67-150)	--	--	"	
trans-1,4-Dichloro-2-butene	"	15.9	---		"	"	ND	"	79%	(42-138)	--	--	"	
1,2-Dichlorobenzene	"	20.9	---		"	"	ND	"	104%	(18-190)	--	--	"	
1,4-Dichlorobenzene	"	20.3	---		"	"	ND	"	102%	"	--	--	"	
1,3-Dichlorobenzene	"	20.7	---		"	"	ND	"	103%	(59-156)	--	--	"	
Dichlorodifluoromethane	"	12.3	---		"	"	ND	"	61%	(36-120)	--	--	"	
1,2-Dichloroethane	"	19.4	---		"	"	ND	"	97%	(49-155)	--	--	"	
1,1-Dichloroethane	"	19.0	---		"	"	ND	"	95%	(59-155)	--	--	"	
cis-1,2-Dichloroethene	"	31.1	---		"	"	ND	"	155%	(63-150)	--	--	"	**M7**
trans-1,2-Dichloroethene	"	19.0	---		"	"	ND	"	95%	(54-156)	--	--	"	
1,2-Dichloroethene (total)	"	50.1	---		"	"	ND	40.0	125%	"	--	--	"	
1,1-Dichloroethene	"	21.2	---		"	"	ND	20.0	106%	(10-234)	--	--	"	
Dichlorofluoromethane	"	18.7	---		"	"	ND	"	94%	(63-131)	--	--	"	
1,2-Dichloropropane	"	17.7	---		"	"	ND	"	89%	(10-210)	--	--	"	
1,3-Dichloropropane	"	19.9	---		"	"	ND	"	100%	(79-127)	--	--	"	
2,2-Dichloropropane	"	17.9	---		"	"	ND	"	89%	(36-150)	--	--	"	
cis-1,3-Dichloropropene	"	19.9	---		"	"	ND	"	99%	(10-227)	--	--	"	
trans-1,3-Dichloropropene	"	18.6	---		"	"	ND	"	93%	(17-183)	--	--	"	
1,1-Dichloropropene	"	21.4	---		"	"	ND	"	107%	(71-149)	--	--	"	
1,4-Dioxane	"	1850	---		"	"	ND	2000	93%	(10-150)	--	--	"	
Ethylbenzene	"	21.5	---		"	"	ND	20.0	108%	(37-162)	--	--	"	
Ethyl tert-Butyl Ether	"	18.1	---		"	"	ND	"	91%	(63-134)	--	--	"	
Ethyl Methacrylate	"	99.3	---		"	"	ND	100	99%	(81-131)	--	--	"	
Hexachlorobutadiene	"	24.3	---		"	"	ND	20.0	121%	(60-147)	--	--	"	
2-Hexanone	"	86.9	---		"	"	ND	100	87%	(67-137)	--	--	"	
Isopropyl alcohol	"	164	---		"	"	ND	200	82%	(24-150)	--	--	"	
Isopropylbenzene	"	22.3	---		"	"	ND	20.0	112%	(77-122)	--	--	"	
Diisopropyl Ether	"	17.6	---		"	"	ND	"	88%	(60-135)	--	--	"	
p-Isopropyltoluene	"	21.1	---		"	"	ND	"	105%	(71-126)	--	--	"	
Methyl tert-Butyl Ether	"	19.6	---		"	"	ND	"	98%	(64-132)	--	--	"	
Methylene Chloride	"	18.0	---		"	"	ND	"	90%	(10-221)	--	--	"	

TestAmerica Seattle

Curtis D. Armstrong, Project Manager

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PES Environmental	Project Name:	**2555 13th Avenue SW, Seattle, WA 98134**	
1215 Fourth Avenue, Suite 1350	Project Number:	SAP# 357032	Report Created:
Seattle, WA/USA 98161	Project Manager:	Bill Haldeman	04/17/09 13:04

Purgeable Organic Compounds by EPA Method 624 - Laboratory Quality Control Results

TestAmerica Nashville

QC Batch: 9040865 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike (9040865-MS1)				**QC Source: BSD0038-02**				**Extracted: 04/06/09 16:52**						
4-Methyl-2-pentanone	EPA 624	89.1	---		ug/L	1x	ND	100	89%	(69-134)	--	--	04/10/09 07:00	
Naphthalene	"	21.2	---		"	"	0.570	20.0	103%	(31-140)	--	--	"	
n-Propylbenzene	"	20.2	---		"	"	ND	"	101%	(70-128)	--	--	"	
Styrene	"	22.0	---		"	"	ND	"	110%	(80-148)	--	--	"	
Tertiary Butyl Alcohol	"	153	---		"	"	ND	200	76%	(46-150)	--	--	"	
1,1,1,2-Tetrachloroethane	"	25.2	---		"	"	ND	20.0	126%	(72-140)	--	--	"	
1,1,2,2-Tetrachloroethane	"	18.6	---		"	"	ND	"	93%	(46-157)	--	--	"	
Tetrachloroethene	"	21.2	---		"	"	0.470	"	104%	(64-148)	--	--	"	
Tetrahydrofuran	"	132	---		"	"	ND	200	66%	(53-129)	--	--	"	
Toluene	"	20.6	---		"	"	ND	20.0	103%	(47-150)	--	--	"	
1,2,3-Trichlorobenzene	"	21.3	---		"	"	ND	"	106%	(46-131)	--	--	"	
1,2,4-Trichlorobenzene	"	22.8	---		"	"	ND	"	114%	(42-131)	--	--	"	
1,1,2-Trichloroethane	"	20.2	---		"	"	ND	"	101%	(52-150)	--	--	"	
1,1,1-Trichloroethane	"	22.7	---		"	"	ND	"	114%	(52-162)	--	--	"	
Trichloroethene	"	48.3	---		"	"	ND	"	241%	(71-157)	--	--	"	M7
Trichlorofluoromethane	"	19.9	---		"	"	ND	"	100%	(17-181)	--	--	"	
1,2,3-Trichloropropane	"	16.3	---		"	"	ND	"	82%	(57-122)	--	--	"	
1,3,5-Trimethylbenzene	"	21.9	---		"	"	1.06	"	104%	(73-130)	--	--	"	
1,2,4-Trimethylbenzene	"	22.2	---		"	"	0.890	"	106%	(70-136)	--	--	"	
Vinyl acetate	"	68.8	---		"	"	ND	100	69%	(21-150)	--	--	"	
Vinyl chloride	"	15.3	---		"	"	ND	20.0	76%	(10-251)	--	--	"	
Xylenes, total	"	66.1	---		"	"	2.33	60.0	106%	(80-129)	--	--	"	
Surrogate(s): 1,2-Dichloroethane-d4		*Recovery: 86%*			*Limits: 60-140%*	"							*04/10/09 07:00*	
Dibromofluoromethane		*103%*			*75-124%*	"							*"*	
Toluene-d8		*99%*			*78-121%*	"							*"*	
4-Bromofluorobenzene		*94%*			*79-124%*	"							*"*	

TestAmerica Seattle

Curtis D. Armstrong, Project Manager

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SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

PES Environmental	Project Name:	**2555 13th Avenue SW, Seattle, WA 98134**	
1215 Fourth Avenue, Suite 1350	Project Number:	SAP# 357032	Report Created:
Seattle, WA/USA 98161	Project Manager:	Bill Haldeman	04/17/09 13:04

Acid and Base/Neutral Extractables by EPA Method 625 - Laboratory Quality Control Results

TestAmerica Nashville

QC Batch: 9040968 **Water Preparation Method: EPA 625**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (9040968-BLK1)								**Extracted: 04/08/09 14:50**						
Acenaphthene	EPA 625	ND	---	10.0	ug/L	1x	--	--	--	--	--	--	04/10/09 07:39	
Acenaphthylene	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Anthracene	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Benzo (a) anthracene	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Benzo (a) pyrene	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Benzo (b) fluoranthene	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Benzo (g,h,i) perylene	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Benzo (k) fluoranthene	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
4-Bromophenyl phenyl ether	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Butyl benzyl phthalate	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
4-Chloro-3-methylphenol	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Bis(2-chloroethoxy)methane	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Bis(2-chloroethyl)ether	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Bis(2-chloroisopropyl)ether	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
2-Chloronaphthalene	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
2-Chlorophenol	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
4-Chlorophenyl phenyl ether	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Chrysene	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Dibenz (a,h) anthracene	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Di-n-butyl phthalate	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
1,3-Dichlorobenzene	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
1,4-Dichlorobenzene	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
1,2-Dichlorobenzene	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
3,3-Dichlorobenzidine	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
2,4-Dichlorophenol	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Diethyl phthalate	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
2,4-Dimethylphenol	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Dimethyl phthalate	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
4,6-Dinitro-2-methylphenol	"	ND	---	25.0	"	"	--	--	--	--	--	--	"	
2,4-Dinitrophenol	"	ND	---	25.0	"	"	--	--	--	--	--	--	"	
2,6-Dinitrotoluene	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
2,4-Dinitrotoluene	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Di-n-octyl phthalate	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Bis(2-ethylhexyl)phthalate	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Fluoranthene	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Fluorene	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Hexachlorobenzene	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Hexachlorobutadiene	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Hexachlorocyclopentadiene	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	

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SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
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PES Environmental	Project Name:	**2555 13th Avenue SW, Seattle, WA 98134**	
1215 Fourth Avenue, Suite 1350	Project Number:	SAP# 357032	Report Created:
Seattle, WA/USA 98161	Project Manager:	Bill Haldeman	04/17/09 13:04

Acid and Base/Neutral Extractables by EPA Method 625 - Laboratory Quality Control Results

TestAmerica Nashville

QC Batch: 9040968 **Water Preparation Method: EPA 625**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (9040968-BLK1)							**Extracted: 04/08/09 14:50**							
Hexachloroethane	EPA 625	ND	---	10.0	ug/L	1x	--	--	--	--	--	--	04/10/09 07:39	
Indeno (1,2,3-cd) pyrene	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Isophorone	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Nitrobenzene	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
2-Nitrophenol	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
4-Nitrophenol	"	ND	---	25.0	"	"	--	--	--	--	--	--	"	
N-Nitrosodimethylamine	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
N-Nitrosodiphenylamine	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
N-Nitrosodi-n-propylamine	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Pentachlorophenol	"	ND	---	25.0	"	"	--	--	--	--	--	--	"	
Phenanthrene	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Phenol	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Pyrene	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
1,2,4-Trichlorobenzene	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
2,4,6-Trichlorophenol	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
1,2-Diphenylhydrazine	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
2-Methylnaphthalene	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Surrogate(s): Terphenyl-d14		*Recovery: 87%*			*Limits: 10-100%*	"							*04/10/09 07:39*	
2,4,6-Tribromophenol		*93%*			*10-140%*	"							*"*	
Phenol-d5		*34%*			*10-100%*	"							*"*	
2-Fluorobiphenyl		*77%*			*19-120%*	"							*"*	
2-Fluorophenol		*51%*			*10-100%*	"							*"*	
Nitrobenzene-d5		*80%*			*10-134%*	"							*"*	
LCS (9040968-BS1)							**Extracted: 04/08/09 14:50**							
Acenaphthene	EPA 625	42.5	---	10.0	ug/L	1x	--	50.0	85%	(47-145)	--	--	04/10/09 08:02	
Acenaphthylene	"	45.6	---	10.0	"	"	--	"	91%	(33-145)	--	--	"	
Anthracene	"	49.0	---	10.0	"	"	--	"	98%	(27-133)	--	--	"	
Benzo (a) anthracene	"	45.5	---	10.0	"	"	--	"	91%	(33-143)	--	--	"	
Benzo (a) pyrene	"	47.4	---	10.0	"	"	--	"	95%	(17-163)	--	--	"	
Benzo (b) fluoranthene	"	47.0	---	10.0	"	"	--	"	94%	(24-159)	--	--	"	
Benzo (g,h,i) perylene	"	47.5	---	10.0	"	"	--	"	95%	(10-219)	--	--	"	
Benzo (k) fluoranthene	"	44.8	---	10.0	"	"	--	"	90%	(11-162)	--	--	"	
4-Bromophenyl phenyl ether	"	46.0	---	10.0	"	"	--	"	92%	(53-127)	--	--	"	
Butyl benzyl phthalate	"	48.1	---	10.0	"	"	--	"	96%	(10-152)	--	--	"	
4-Chloro-3-methylphenol	"	39.0	---	10.0	"	"	--	"	78%	(22-147)	--	--	"	
Bis(2-chloroethoxy)methane	"	41.8	---	10.0	"	"	--	"	84%	(33-184)	--	--	"	
Bis(2-chloroethyl)ether	"	43.7	---	10.0	"	"	--	"	87%	(12-158)	--	--	"	
Bis(2-chloroisopropyl)ether	"	44.5	---	10.0	"	"	--	"	89%	(36-166)	--	--	"	

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Curtis D. Armstrong, Project Manager

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BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

PES Environmental	Project Name:	**2555 13th Avenue SW, Seattle, WA 98134**	
1215 Fourth Avenue, Suite 1350	Project Number:	SAP# 357032	Report Created:
Seattle, WA/USA 98161	Project Manager:	Bill Haldeman	04/17/09 13:04

Acid and Base/Neutral Extractables by EPA Method 625 - Laboratory Quality Control Results

TestAmerica Nashville

QC Batch: 9040968 **Water Preparation Method: EPA 625**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (9040968-BS1)								**Extracted: 04/08/09 14:50**						
2-Chloronaphthalene	EPA 625	45.3	---	10.0	ug/L	1x	--	50.0	91%	(60-118)	--	--	04/10/09 08:02	
2-Chlorophenol	"	38.0	---	10.0	"	"	--	"	76%	(23-134)	--	--	"	
4-Chlorophenyl phenyl ether	"	46.9	---	10.0	"	"	--	"	94%	(25-158)	--	--	"	
Chrysene	"	45.6	---	10.0	"	"	--	"	91%	(17-168)	--	--	"	
Dibenz (a,h) anthracene	"	48.2	---	10.0	"	"	--	"	96%	(10-227)	--	--	"	
Di-n-butyl phthalate	"	46.5	---	10.0	"	"	--	"	93%	(10-118)	--	--	"	
1,3-Dichlorobenzene	"	43.7	---	10.0	"	"	--	"	87%	(10-172)	--	--	"	
1,4-Dichlorobenzene	"	43.7	---	10.0	"	"	--	"	87%	(20-124)	--	--	"	
1,2-Dichlorobenzene	"	42.2	---	10.0	"	"	--	"	84%	(32-129)	--	--	"	
3,3-Dichlorobenzidine	"	37.8	---	10.0	"	"	--	"	76%	(10-262)	--	--	"	
2,4-Dichlorophenol	"	39.2	---	10.0	"	"	--	"	78%	(39-135)	--	--	"	
Diethyl phthalate	"	47.9	---	10.0	"	"	--	"	96%	(10-114)	--	--	"	
2,4-Dimethylphenol	"	17.4	---	10.0	"	"	--	"	35%	(32-119)	--	--	"	
Dimethyl phthalate	"	47.0	---	10.0	"	"	--	"	94%	(10-112)	--	--	"	
4,6-Dinitro-2-methylphenol	"	27.0	---	25.0	"	"	--	"	54%	(10-181)	--	--	"	
2,4-Dinitrophenol	"	26.4	---	25.0	"	"	--	"	53%	(10-191)	--	--	"	
2,6-Dinitrotoluene	"	46.5	---	10.0	"	"	--	"	93%	(50-158)	--	--	"	
2,4-Dinitrotoluene	"	48.7	---	10.0	"	"	--	"	97%	(39-139)	--	--	"	
Di-n-octyl phthalate	"	50.5	---	10.0	"	"	--	"	101%	(10-146)	--	--	"	
Bis(2-ethylhexyl)phthalate	"	43.4	---	10.0	"	"	--	"	87%	(10-158)	--	--	"	
Fluoranthene	"	49.1	---	10.0	"	"	--	"	98%	(26-137)	--	--	"	
Fluorene	"	46.4	---	10.0	"	"	--	"	93%	(59-121)	--	--	"	
Hexachlorobenzene	"	44.5	---	10.0	"	"	--	"	89%	(10-152)	--	--	"	
Hexachlorobutadiene	"	40.4	---	10.0	"	"	--	"	81%	(24-116)	--	--	"	
Hexachlorocyclopentadiene	"	12.0	---	10.0	"	"	--	"	24%	(10-100)	--	--	"	
Hexachloroethane	"	36.4	---	10.0	"	"	--	"	73%	(40-113)	--	--	"	
Indeno (1,2,3-cd) pyrene	"	48.5	---	10.0	"	"	--	"	97%	(10-171)	--	--	"	
Isophorone	"	43.7	---	10.0	"	"	--	"	87%	(21-196)	--	--	"	
Naphthalene	"	39.2	---	10.0	"	"	--	"	78%	(21-133)	--	--	"	
Nitrobenzene	"	37.6	---	10.0	"	"	--	"	75%	(35-180)	--	--	"	
2-Nitrophenol	"	39.0	---	10.0	"	"	--	"	78%	(29-182)	--	--	"	
4-Nitrophenol	"	21.6	---	25.0	"	"	--	"	43%	(10-132)	--	--	"	
N-Nitrosodimethylamine	"	30.8	---	10.0	"	"	--	"	62%	(20-100)	--	--	"	
N-Nitrosodiphenylamine	"	44.6	---	10.0	"	"	--	"	89%	(63-142)	--	--	"	
N-Nitrosodi-n-propylamine	"	47.1	---	10.0	"	"	--	"	94%	(10-230)	--	--	"	
Pentachlorophenol	"	52.8	---	25.0	"	"	--	"	106%	(14-176)	--	--	"	
Phenanthrene	"	45.5	---	10.0	"	"	--	"	91%	(54-120)	--	--	"	
Phenol	"	19.5	---	10.0	"	"	--	"	39%	(10-112)	--	--	"	
Pyrene	"	48.8	---	10.0	"	"	--	"	98%	(52-115)	--	--	"	

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PES Environmental	Project Name:	**2555 13th Avenue SW, Seattle, WA 98134**	
1215 Fourth Avenue, Suite 1350	Project Number:	SAP# 357032	Report Created:
Seattle, WA/USA 98161	Project Manager:	Bill Haldeman	04/17/09 13:04

Acid and Base/Neutral Extractables by EPA Method 625 - Laboratory Quality Control Results

TestAmerica Nashville

QC Batch: 9040968 **Water Preparation Method: EPA 625**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (9040968-BS1)								**Extracted: 04/08/09 14:50**						
1,2,4-Trichlorobenzene	EPA 625	40.7	---	10.0	ug/L	1x	--	50.0	81%	(44-142)	--	--	04/10/09 08:02	
2,4,6-Trichlorophenol	"	43.4	---	10.0	"	"	--	"	87%	(37-144)	--	--	"	
1,2-Diphenylhydrazine	"	45.4	---	10.0	"	"	--	"	91%	(45-126)	--	--	"	
2-Methylnaphthalene	"	40.2	---	10.0	"	"	--	"	80%	(34-103)	--	--	"	
Surrogate(s): Terphenyl-d14		*Recovery: 94%*			*Limits: 10-100%*	"							*04/10/09 08:02*	
2,4,6-Tribromophenol		*103%*			*10-140%*	"							"	
Phenol-d5		*40%*			*10-100%*	"							"	
2-Fluorobiphenyl		*89%*			*19-120%*	"							"	
2-Fluorophenol		*57%*			*10-100%*	"							"	
Nitrobenzene-d5		*83%*			*10-134%*	"							"	
Matrix Spike (9040968-MS1)					**QC Source: BSD0038-02**			**Extracted: 04/08/09 14:50**						
Acenaphthene	EPA 625	49.5	---	10.5	ug/L	1x	ND	52.6	94%	(47-145)	--	--	04/10/09 08:25	
Acenaphthylene	"	53.2	---	10.5	"	"	ND	"	101%	(33-145)	--	--	"	
Anthracene	"	58.4	---	10.5	"	"	ND	"	111%	(27-133)	--	--	"	
Benzo (a) anthracene	"	54.8	---	10.5	"	"	ND	"	104%	(33-143)	--	--	"	
Benzo (a) pyrene	"	54.1	---	10.5	"	"	ND	"	103%	(17-163)	--	--	"	
Benzo (b) fluoranthene	"	58.7	---	10.5	"	"	ND	"	111%	(24-159)	--	--	"	
Benzo (g,h,i) perylene	"	54.1	---	10.5	"	"	ND	"	103%	(10-219)	--	--	"	
Benzo (k) fluoranthene	"	45.7	---	10.5	"	"	ND	"	87%	(11-162)	--	--	"	
4-Bromophenyl phenyl ether	"	53.5	---	10.5	"	"	ND	"	102%	(53-127)	--	--	"	
Butyl benzyl phthalate	"	57.4	---	10.5	"	"	ND	"	109%	(10-152)	--	--	"	
4-Chloro-3-methylphenol	"	41.5	---	10.5	"	"	ND	"	79%	(22-147)	--	--	"	
Bis(2-chloroethoxy)methane	"	39.2	---	10.5	"	"	ND	"	74%	(33-184)	--	--	"	
Bis(2-chloroethyl)ether	"	42.4	---	10.5	"	"	ND	"	81%	(12-158)	--	--	"	
Bis(2-chloroisopropyl)ether	"	41.1	---	10.5	"	"	ND	"	78%	(36-166)	--	--	"	
2-Chloronaphthalene	"	49.1	---	10.5	"	"	ND	"	93%	(60-118)	--	--	"	
2-Chlorophenol	"	38.2	---	10.5	"	"	ND	"	73%	(23-134)	--	--	"	
4-Chlorophenyl phenyl ether	"	53.2	---	10.5	"	"	ND	"	101%	(25-158)	--	--	"	
Chrysene	"	56.4	---	10.5	"	"	ND	"	107%	(17-168)	--	--	"	
Dibenz (a,h) anthracene	"	53.2	---	10.5	"	"	ND	"	101%	(10-227)	--	--	"	
Di-n-butyl phthalate	"	56.0	---	10.5	"	"	ND	"	106%	(10-118)	--	--	"	
1,3-Dichlorobenzene	"	44.1	---	10.5	"	"	ND	"	84%	(10-172)	--	--	"	
1,4-Dichlorobenzene	"	42.5	---	10.5	"	"	ND	"	81%	(20-124)	--	--	"	
1,2-Dichlorobenzene	"	39.8	---	10.5	"	"	ND	"	76%	(32-129)	--	--	"	
3,3-Dichlorobenzidine	"	19.1	---	10.5	"	"	ND	"	36%	(10-262)	--	--	"	
2,4-Dichlorophenol	"	41.2	---	10.5	"	"	ND	"	78%	(39-135)	--	--	"	
Diethyl phthalate	"	52.2	---	10.5	"	"	ND	"	99%	(10-114)	--	--	"	
2,4-Dimethylphenol	"	11.7	---	10.5	"	"	ND	"	22%	(32-119)	--	--	"	**M8**
Dimethyl phthalate	"	54.8	---	10.5	"	"	ND	"	104%	(10-112)	--	--	"	

TestAmerica Seattle

Curtis D. Armstrong, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

PES Environmental	Project Name:	**2555 13th Avenue SW, Seattle, WA 98134**	
1215 Fourth Avenue, Suite 1350	Project Number:	SAP# 357032	Report Created:
Seattle, WA/USA 98161	Project Manager:	Bill Haldeman	04/17/09 13:04

Acid and Base/Neutral Extractables by EPA Method 625 - Laboratory Quality Control Results

TestAmerica Nashville

QC Batch: 9040968 **Water Preparation Method: EPA 625**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike (9040968-MS1)				**QC Source: BSD0038-02**				**Extracted: 04/08/09 14:50**						
4,6-Dinitro-2-methylphenol	EPA 625	32.5	---	26.3	ug/L	1x	ND	52.6	62%	(10-181)	--	--	04/10/09 08:25	
2,4-Dinitrophenol	"	34.7	---	26.3	"	"	ND	"	66%	(10-191)	--	--	"	
2,6-Dinitrotoluene	"	55.0	---	10.5	"	"	ND	"	104%	(50-158)	--	--	"	
2,4-Dinitrotoluene	"	55.5	---	10.5	"	"	ND	"	105%	(39-139)	--	--	"	
Di-n-octyl phthalate	"	54.1	---	10.5	"	"	ND	"	103%	(10-146)	--	--	"	
Bis(2-ethylhexyl)phthalate	"	54.7	---	10.5	"	"	ND	"	104%	(10-158)	--	--	"	
Fluoranthene	"	56.1	---	10.5	"	"	ND	"	107%	(26-137)	--	--	"	
Fluorene	"	53.2	---	10.5	"	"	ND	"	101%	(59-121)	--	--	"	
Hexachlorobenzene	"	48.7	---	10.5	"	"	ND	"	93%	(10-152)	--	--	"	
Hexachlorobutadiene	"	40.2	---	10.5	"	"	ND	"	76%	(24-116)	--	--	"	
Hexachlorocyclopentadiene	"	12.6	---	10.5	"	"	ND	"	24%	(10-100)	--	--	"	
Hexachloroethane	"	33.8	---	10.5	"	"	ND	"	64%	(40-113)	--	--	"	
Indeno (1,2,3-cd) pyrene	"	55.1	---	10.5	"	"	ND	"	105%	(10-171)	--	--	"	
Isophorone	"	44.0	---	10.5	"	"	ND	"	84%	(21-196)	--	--	"	
Naphthalene	"	38.7	---	10.5	"	"	ND	"	74%	(21-133)	--	--	"	
Nitrobenzene	"	37.0	---	10.5	"	"	ND	"	70%	(35-180)	--	--	"	
2-Nitrophenol	"	38.7	---	10.5	"	"	ND	"	74%	(29-182)	--	--	"	
4-Nitrophenol	"	23.1	---	26.3	"	"	ND	"	44%	(10-132)	--	--	"	
N-Nitrosodimethylamine	"	30.0	---	10.5	"	"	ND	"	57%	(20-100)	--	--	"	
N-Nitrosodiphenylamine	"	55.1	---	10.5	"	"	ND	"	105%	(63-142)	--	--	"	
N-Nitrosodi-n-propylamine	"	48.0	---	10.5	"	"	ND	"	91%	(10-230)	--	--	"	
Pentachlorophenol	"	68.2	---	26.3	"	"	ND	"	130%	(14-176)	--	--	"	
Phenanthrene	"	53.3	---	10.5	"	"	ND	"	101%	(54-120)	--	--	"	
Phenol	"	17.8	---	10.5	"	"	ND	"	34%	(10-112)	--	--	"	
Pyrene	"	57.1	---	10.5	"	"	ND	"	109%	(52-115)	--	--	"	
1,2,4-Trichlorobenzene	"	37.6	---	10.5	"	"	ND	"	71%	(44-142)	--	--	"	
2,4,6-Trichlorophenol	"	46.8	---	10.5	"	"	ND	"	89%	(37-144)	--	--	"	
1,2-Diphenylhydrazine	"	51.5	---	10.5	"	"	ND	"	98%	(45-126)	--	--	"	
2-Methylnaphthalene	"	41.5	---	10.5	"	"	ND	"	79%	(34-103)	--	--	"	

Surrogate(s):	*Terphenyl-d14*	*Recovery:*	*92%*	*Limits:*	*10-100%*	*04/10/09 08:25*
	2,4,6-Tribromophenol		*104%*		*10-140%*	*"*
	Phenol-d5		*29%*		*10-100%*	*"*
	2-Fluorobiphenyl		*80%*		*19-120%*	*"*
	2-Fluorophenol		*44%*		*10-100%*	*"*
	Nitrobenzene-d5		*69%*		*10-134%*	*"*

TestAmerica Seattle

Curtis D. Armstrong, Project Manager

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PES Environmental	Project Name:	**2555 13th Avenue SW, Seattle, WA 98134**	
1215 Fourth Avenue, Suite 1350	Project Number:	SAP# 357032	Report Created:
Seattle, WA/USA 98161	Project Manager:	Bill Haldeman	04/17/09 13:04

CERTIFICATION SUMMARY

TestAmerica Seattle

Method	Matrix	Nelac	Washington
EPA 160.2	Water	N/A	N/A
EPA 1664A	Water	X	X
EPA 200.7	Water	X	X
NWTPH-Gx/8021B	Water		X

Subcontracted Laboratories

TestAmerica Nashville NELAC Cert #E87358, Washington Cert #C1712

2960 Foster Creighton Drive - Nashville, TN 37204

Method Performed: EPA 335.2 (CLP-M)
Samples: BSD0038-02

Method Performed: EPA 608
Samples: BSD0038-02

Method Performed: EPA 624
Samples: BSD0038-02

Method Performed: EPA 625
Samples: BSD0038-02

TestAmerica Portland NELAC Cert #OR100021, Alaska Cert #UST-012, California Cert #2597, Washington Cert #C1291

9405 SW Nimbus Ave. - Beaverton, OR/USA 97008

Method Performed: EPA 1631E
Samples: BSD0038-03, BSD0038-04

Any abnormalities or departures from sample acceptance policy shall be documented on the 'Sample Receipt and Temperature Log Form' and 'Sample Non-conformance Form' (if applicable) included with this report.

For information concerning certifications of this facility or another TestAmerica facility, please visit our website at www.TestAmericaInc.com

Samples collected by TestAmerica Field Services personnel are noted on the Chain of Custody (COC) .

TestAmerica Seattle

Curtis D. Armstrong, Project Manager

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Seattle, WA/USA 98161	Project Manager:	Bill Haldeman	04/17/09 13:04

Notes and Definitions

Report Specific Notes:

A-01	-	Headspace due to lab use; only one vial provided.
L	-	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
M2	-	The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
M7	-	The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
M8	-	The MS and/or MSD were below the acceptance limits. See Blank Spike (LCS).
R4	-	Due to the low levels of analyte in the sample, the duplicate RPD calculation does not provide useful information.

Laboratory Reporting Conventions:

DET	-	Analyte DETECTED at or above the Reporting Limit. Qualitative Analyses only.
ND	-	Analyte NOT DETECTED at or above the reporting limit (MDL or MRL, as appropriate).
NR/NA	-	Not Reported / Not Available
dry	-	Sample results reported on a Dry Weight Basis. Results and Reporting Limits have been corrected for Percent Dry Weight.
wet	-	Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' nor 'dry' are reported on a Wet Weight Basis.
RPD	-	RELATIVE PERCENT DIFFERENCE (RPDs calculated using Results, not Percent Recoveries).
MRL	-	METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table.
MDL*	-	METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B. *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated Results.
Dil	-	Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data.
Reporting Limits	-	Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and percent solids, where applicable.
Electronic Signature	-	Electronic Signature added in accordance with TestAmerica's *Electronic Reporting and Electronic Signatures Policy.* Application of electronic signature indicates that the report has been reviewed and approved for release by the laboratory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

TestAmerica Seattle

Curtis D. Armstrong, Project Manager

HI-SHELL002410

BA00038

TEST AMERICA

☑ 11720 North Creek Pkwy #400, Bothell, WA

☐ 9405 S. W. Nimbus Ave., Beaverton, OR 97008

☐ East 11115 Montgomery, Suite B, Spokane, WA 99206

Shell Oil Products US Chain Of Custody Record

SOP US Project Manager to be invoiced:

☐ SCIENCE & ENGINEERING

☐ TECHNICAL SERVICES

☐ CRMT HOUSTON

P.O. Box 4400
Houston, TX 77210

☐ BILL CONSULTANT

NAME OF PM TO BILL:

NAME OF TS TO BILL:

INCIDENT # (S&E ONLY)

SAP or CRMT # (TS/CRMT) 3 5 7 0 3 2

DATE: 4-1-09

PAGE: 1 of 1

CONSULTANT COMPANY: PES Environmental, Inc.

ADDRESS: 1215 Fourth Avenue, Suite 1350

CITY: Seattle, Washington 98161

TELEPHONE: 425-637-1905 FAX: 425-637-1907 E-MAIL: bhaldeman@pesenv.com

SITE ADDRESS (Street and City): 2555 13th Avenue SW, Seattle, WA 98134

PROJECT CONTACT (Report to): Bill Haldeman

CONSULTANT PROJECT NO.: 828.001.01

SAMPLER NAME(S) (Print): Erin Shaver

LAB USE ONLY

TURNAROUND TIME (CALENDAR DAYS):
☑ STANDARD (10 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

REQUESTED ANALYSIS (if more than one method is listed, circle one)

TEMPERATURE ON RECEIPT C°

SPECIAL INSTRUCTIONS OR NOTES :

1. 2-day TAT = BTEX, TSS, O&G, Gx / all others Standard TAT

cc invoice to Frank Rinehart, Shell, 2555 13th Avenue SW, Seattle, WA, 98134

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	TPH - Purgeable (8015) GRO	TPH - Extractable (8015) DRO	BTEX / MTBE (8021B, 602, 8260/624)	BTEX / MTBE + Oxygenates (8260B)	VOCs Full List + Oxygenates (8260B)	8 RCRA Metals	4 RCRA Metals (As, Cd, Cr, Pb)	Metals (Specify): Total Zn	Metals (Specify): Total Cu, Pb, Zn	NWTPH-Gx	Oil & Grease (1664)	Total Suspended Solids (160.2)		VOCs (624)	SVOCs (625)	PCBs (608)	Total As, Cd, Cu, Pb, Ni, Ag, Zn (200)	Total Cyanide (335.2)	Hg (1631E)	Container PID Readings or Laboratory Notes
	Outfall001-																			X	X	X		X	X	X	X	X	X	
	Outfall002-																				X									
	Field Blank																												X	
	OUTFALL-1-040109	4-1-9	0900	W.R				X														X								
	OUTFALL-1-040109	4-1-9	1420	1	X	X	X	X												X	X			X	X	X	X	X		
	OUTFALL-1-040109	4-1-9	1435																										X	
	Field Blank	4-1-9	1430																										X	
	Outfall-2-040105	4-1-9	1500	↓	X																X									

Relinquished by: (Signature) E Shaver	Received by: (Signature) 4/2/09 @Lab 1530 W 0.4°C	Date: 4-1-09	Time: 1600
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

final report, Green to File, Yellow and Pink to Client.

05/1/01 Revision

TAT: _____ Paperwork to PM – Date:_____ Time:_____ Non-Conformances?

Page Time & Initials:_____ Circle (Y) or N

(If Y, see other side)

TEST AMERICA SAMPLE RECEIPT CHECKLIST

Received By: (applies to temp at receipt)
Date: 4/2/09
Time: 1530
Initials: FL

Logged-in By:
Date: 4/2
Time: 17:32
Initials: CM

Unpacked/Labeled By:
Date: 4/2
Time: 18:00
Initials: CM

Cooler ID: 346,364

Work Order No. 810038
Client: _____
Project: _____

Container Type:
X Cooler
____ Box
____ None/Other _____

COC Seals:
X Ship Container
____ On Bottles
____ None
Erin Sign By
4/1/09 Date

Packing Material:
X Bubble Bags ____ Styrofoam
____ Foam Packs
____ None/Other _____

Refrigerant:
____ Gel Ice Pack _____
X Loose Ice _____
____ None/Other _____

Soil Stir Bars/Encores:
Placed in freezer #46:
Y or N or (NA)
Initial/date/time_____

Received Via: Bill#:
____ Fed Ex ____ Client
____ UPS X TA Courier
____ DHL ____ Mid Valley
____ Senvoy ____ TDP
____ GS ____ Other_____

Cooler Temperature (*IR*): 0.2 °C (Plastic) Glass (Frozen filters, Tedlars and aqueous Metals exempt)
(circle one)

Temperature Blank? 0.4 °C or NA comments _____ Trip Blank? Y or N or (NA) FL

BP, OPLC,ARCO-Temperature monitoring every 15 minutes:
(initial/date/time):_____
Comments:_____

Sample Containers:		ID			ID
Intact?	(Y) or N	_____	Metals Preserved?	(Y) or N or NA	_____
Provided by TA?	(Y) or N	_____	Client QAPP Preserved?	(Y) or N or NA	_____
Correct Type?	(Y) or N	_____	Adequate Volume? (for tests requested)	Y or (N)	_____
#Containers match COC?	Y or N	Not listed	Water VOAs: Headspace?	Y or (N) or NA	_____
IDs/time/date match COC?	(Y) or N	_____	Comments:		
Hold Times in hold?	(Y) or N	_____			

PROJECT MANAGEMENT

Is the Chain of Custody complete? Y or N If N, circle the items that were incomplete

Comments,Problems_____

Total access set up? Y or N
Has client been contacted regarding non-conformances? Y or N If Y, ____/____ Date Time

PM Initials: _____ Date: _____ Time: _____

(rev 5, 03/04/09)

HI-SHELL002411